DOCUMENT RESUME

ED 052 383 VT 013 652

AUTHOR	Finch, Curtis R.; And Others
TITLE	Reviews and Bibliographies Related to Research in Vocational-Technical Education; A Selective Bibliography with Annotations.
INSTITUTION	Pennsylvania State Univ., University Park. Dept. of Vocational Education.
SPONS AGENCY	Pennsylvania State Dept. of Education, Harrisburg.
PUB DATE	Jun 71
NOTE	22p.
EDRS PRICE	EDRS Price MF-$0.65 HC-$3.29
DESCRIPTORS	*Annotated Bibliographies, Reference Materials, Research Reviews (Publications), *Technical Education, *Vocational Education

ABSTRACT

This document contains 74 annotated bibliographic entries related to research in vocational-technical education. The document does not represent an extensive search, is not intended to benefit all persons equally, and no plans are being made to up-date the contents; however, it should be of considerable value to persons concerned with research activities in the vocational-technical field. (GEB)

ED052383

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PENNSYLVANIA
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REVIEWS AND BIBLIOGRAPHIES RELATED TO RESEARCH IN VOCATIONAL-TECHNICAL EDUCATION

A Selective
Bibliography
With Annotations

CURTIS R. FINCH
TEODORICO GUSTILO
PATRICK O'REILLY

VOCATIONAL — TECHNICAL EDUCATION Research Report

JUNE, 1971

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REVIEWS AND BIBLIOGRAPHIES RELATED TO RESEARCH IN VOCATIONAL-TECHNICAL EDUCATION

A Selective Bibliography with Annotations

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The development of this report was partially supported by the Bureau of Vocational, Technical, and Continuing Education, Pennsylvania Department of Education

Department of Vocational Education
The Pennsylvania State University
University Park, Pennsylvania

June, 1971

PREFACE

There are certain things which this document is not intended to do. First, it does not represent an exhaustive search and reporting of all research sources related to vocational-technical education. Second, it is not intended to be of equal benefit to all persons. In fact, the bibliography may be of little use to some people. Last, the document will not remain up-to-date. Perhaps as it is being printed, other sources may appear which are even more meaningful than those listed.

From a more positive perspective, several comments should be made. The bibliography is designed to serve as a ready reference for the practitioner, student, or researcher. It is hoped that, by browsing through the list of entries, one might identify good sources of research information in a short period of time. Hence the number of entries had to be limited. Additionally, there was some personal prejudice involved in the selection of entries. This prejudice was based upon experiences gained while conducting research and teaching a vocational-technical education research methods course.

A number of the cited materials were generated by The Center for Vocational and Technical Education at Ohio State University. Additionally, Research in Education served as an invaluable source for locating relevant documents. The profession is indebted to The Center at Ohio State and the Educational Resources Information Center for developing and identifying these materials.

Special thanks are extended to those persons who provided materials for review and to Teodorico Gustilo and Patrick O'Reilly, graduate assistants in vocational education, for their annotation expertise.

Curtis R. Finch
Assistant Professor
Graduate Studies and Research
June, 1971

1. Abstracts of Research and Related Materials in Vocational and Technical Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University.

   A quarterly publication containing resumes of research and related materials in vocational and technical education. Also provides information on the availability of documents which have been processed by the ERIC Clearinghouse on Vocational and Technical Education.

2. Anderson, James G. Research Design and Analysis in the Behavioral Sciences. An Annotated Bibliography. University Park, New Mexico: New Mexico State University, 1967.

   Provides an annotated listing of references useful in the preparation of research proposals and designing research. Covers topics such as sampling, measurement, research design and analysis, multivariate procedures, probability, and systems analysis.

3. Arizona State Employment Security Commission. Manpower Information, An Annotated Bibliography. Phoenix, Arizona: Arizona State Employment Security Commission, April 1970 (ED 041 124).

   Lists 196 citations covering the period between 1960 and 1970 pertaining to local and national manpower information. Listings are arranged under general divisions of: population, labor force information, economic information, manpower information, occupational information, education and training, health and welfare, catalogs and manpower information, and other manpower information sources.

4. Ashmun, Richard D. and Larson, Roger A. Review and Synthesis of Research on Distributive Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 038 498).

   An index of research done for the years 1966 through 1968 in the same general areas covered by the first edition. Contains a synthesis of 149 citations related to distributive education. Emphasis is placed upon the years 1966 to 1968. The majority of studies cited focus on curriculum development, evaluation, and teacher education.

5. Bernabei, Raymond. Behavioral Objectives, An Annotated Resource File. Harrisburg: Bureau of Curriculum Development and Evaluation, Pennsylvania Department of Public Instruction, 1968.

   An inventory of published and unpublished reports dealing with behavioral objectives.

6. California Coordinating Unit for Occupational Research and Development. Evaluation in Vocational Education, Research Summary. Sacramento, California: California Coordinating Unit for Occupational Research and Development, 1967 (ED 025 587).

   Presents descriptions of evaluation research related to vocational education programs. Areas covered include: retraining projects, agricultural education, business education, industrial arts and trade and industrial education, vocational guidance, adult education, teaching methods, teaching machines and programmed instruction, and general curriculum. Moreover, it contains a comprehensive bibliography of books, dissertations, journals, bulletins and research reports, on the above topics.

7. California Coordinating Unit for Occupational Research and Development. Trade, Industrial, and Technical Education, RCU Research Summaries. Sacramento, California: California Coordinating Unit for Occupational Research and Development, March 1967 (ED 014 566).

   A summary of research studies completed in the field of industrial and technical education at the post-high school level that are generally concerned with schools and students, teaching techniques, and curriculum effectiveness. Additionally, studies related to training and retraining, legislation, and employment information are included.

8. California Coordinating Unit for Occupational Research and Development. Vocational Choice and Job Satisfaction. Sacramento, California: California Coordinating Unit for Occupational Research and Development, January 1967 (ED 013 958).

   Reviews recent (1960 - 1966) studies dealing with the various aspects of vocational choice and job satisfaction. Topics under vocational choice include: Interests, parents, aspiration, maturity, attitudes, prestige, values, achievers, motivation, self-concept, stages of occupational choice, and vocational training. Topics covered under job satisfaction include: working conditions, attitudes, measurement, and demography.

9. Carlson, Nancy W. and Griggs, Mildred B. The Psychomotor Domain - A Selective Bibliography with Annotations. Urbana: University of Illinois, 1966.

   Presents an overview of studies in the area of psychomotor research.

10. Carpenter, Earl T. and Rodgers, John H. Review of Research in Agricultural Education. Second Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 040 275).

    Covers research in agricultural education from the period 1966 to 1969. Approximately 500 studies are provided under the same general headings as those in the first edition (see entry number 72).

11. Chadderdon, Hester and Fanslow, Alyce M. Review and Synthesis of Research in Home Economics Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 563).

    A review and synthesis of research in home economics education which covers the years 1959 to 1966. Topics which are covered include manpower needs and employment opportunities, curriculum development, educational programs, learning processes, teaching materials, student personnel services, facilities and equipment, administration and supervision, and teacher education.

12. Clary, Joseph Ray. Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 043 744).

    A census of research and developmental efforts dealing with state advisory councils since the Vocational Education Amendments of 1968. Includes headings of: legal status, relationships to other boards and agencies, composition, organization, identification of role, reports, problems, and questions.

13. Current Contents: Education. Philadelphia: Institute for Scientific Information.

A weekly publication that provides tables of contents in original format from over 700 foreign and domestic journals. Among the areas featured are adult education, vocational education, educational research, and teacher education.

14. Current Index to Journals in Education. New York: CCM Information Corporation.

A monthly publication which indexes articles from more than 500 major educational journals. Articles are categorized by subject descriptions taken from the Thesaurus of ERIC Descriptors.

15. Davis, E. E. Attitude Change, A Review and Bibliography of Selected Research. New York: United Nations Educational Scientific and Cultural Organization Publication Center, 1965 (ED 015 142).

Provides a review and selected bibliography of recent research relevant to changing social attitudes particularly toward improving relations between various ethnic, racial, religious and other groups. Covers both experimental and action research on attitude change with emphasis on personality-oriented research, group-oriented research, persuasive communications research, theoretical problems of attitude change research, educational programs in inter-group relations, inter-group contact and community studies, cultural influences and the role of society.

16. Ebel, Robert L. (Editor). Encyclopedia of Educational Research. 4th Edition. Ontario: The Macmillan Company, 1969.

A compendium of research conducted in all facets of education. Articles of particular relevance to vocational-technical education include: Vocational and Technical Education, Agricultural Education, Business Education, Home Economics, and Military Education.

17. Edington, Everett D. and Tamblyn, Lewis. Research Abstracts in Rural Education: Rural, Small Schools, Indian Education, Migrant Education, Mexican American Education, Outdoor Education. University Park, N.M.: ERIC Clearinghouse on Rural Education and Small Schools, New Mexico State University, 1968 (ED 025 357).

A compilation of 94 abstracts of the latest research and development findings (between 1959 and 1968) on rural education, small schools, Indian education, migrant education, Mexican American education, and outdoor education. The major portion of the bibliography is devoted to works on specific problems and needs, administrative organizations, innovations, and planning.

18. Educational Testing Service. Research on the Disadvantaged: An Annotated List of Relevant ETS Studies, 1951-1969. Princeton, N. J.: Educational Testing Service, August 1969 (ED 037 392).

This annotated list of Educational Testing Service studies includes the following types of investigations with findings related to low socioeconomic and minority groups: studies designed specifically to investigate the educational, personal, and social characteristics of the disadvantaged; studies of other populations of minority groups as a variable; studies concerned with the development of theories, methods, and techniques which hold promise for more effective analyses of data collected in connection with studies of the disadvantaged; and surveys of literature and analyses of theoretical concepts which have significance for research on the disadvantaged. The main list contains resumes of 76 studies completed from 1951 to August 1969.

19. Evans, Rupert (Issue Editor). "Vocational, Technical and Practical Arts Education," Review of Educational Research. Washington, D.C.: American Educational Research Association, Vol. 32, No. 4, 1962.

Covers research conducted in vocational, technical, and practical arts education during the six-year period 1956 to 1962. Topics reviewed include current status of research, the sociology and psychology of work, relationships between manpower and education, historical background of vocational education, investment and economic development, and career development.

20. Garbin, A. P., Jackson, Dorothy P., Campbell, Robert E. Worker Adjustment: Youth in Transition from School to Work, An Annotated Bibliography of Recent Literature. Columbus: The Center for Vocational and Technical Education, The Ohio State University, Bibliography 2, 1967 (ED 021 070).

    Explores the recent literature involving studies in the domain of adaptation to the world of work.

21. Gorman, Anna M. and Magisos, Joel H. Bibliography of Research on Consumer and Homemaking Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 039 336).

    Provides a listing of research dealing with consumer and homemaking education. It is organized into eight sections with the following titles: consumer education, disadvantaged, evaluation, homemaking education, research methodology, teacher education, vocational education and wage-earning home economics.

22. Griessman, Eugene B. and Densley, Kenneth G. Review and Synthesis of Research on Vocational Education in Rural Areas. Los Cruces: Eric Clearinghouse on Rural Education and Small Schools, New Mexico State University, 1969 (ED 034 632).

    Presents a review of research oriented toward providing relevant education for rural people. Topics which are covered include economic considerations, racial and ethnic considerations, educational patterns, and political and legal considerations.

23. Hahn, Marshall. Review of Research on Creativity. Minneapolis: Research Coordination Unit in Occupational Education, University of Minnesota, 1968.

    Reviews research conducted in the area of creativity. This report is especially relevant to persons in vocational, technical, and practical arts education.

24. Heckman, Dale M. and Martin, Warren B. Inventory of Current Research on Higher Education. New York: McGraw-Hill, 1968.

An annotated bibliography of higher education research including post-secondary occupational education. Areas covered are students, faculty, administrators, structures, functions and governance.

25. Holloway, Lewis D. and Kerr, Elizabeth E. Review and Synthesis of Research in Health Occupations Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, May 1969 (ED 029 982).

Reviews and synthesizes research related to health occupations which was published after 1963. Materials are organized into the following major topics: Philosophy and objectives, manpower needs and employment, curriculum development, educational programs, instructional materials and services, learning processes and teaching methods, student personnel services, facilities and equipment, teacher education, administration and supervision, evaluation, and research.

26. Holmquist, G. and Hervey, J. L. Rural Manpower: An Annotated Bibliography. East Lansing, Mich.: Michigan State University, August 1968 (ED 037 265).

Lists three hundred citations (dating from 1945 to 1968) on rural manpower. The annotated bibliography has a general scope and includes action-oriented publications as well as more theoretical research studies.

27. Householder, Daniel L. and Suess, Alan R. Review and Synthesis of Research in Industrial Arts Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1969 (ED 034 898).

Summarizes and synthesizes studies in industrial arts education for the period 1966 through 1968. Headings generally follow those used in the first edition (see entry number 63).

28. Human Resources Research Organization. Bibliography of Publications; Human Resources Research Organization, As of 30 June 1969. Alexandria, Virginia: Human Resources Research Organization, September 1969 (ED 038 859).

A compilation of information on research publications and research by-products developed by the Human Resources Research Organization (HumRRO). The bibliography is divided into three main parts: items published in 1969, all materials published since the inception of HumRRO, and research by-products and experimental materials.

29. International Labour Office. CIRF Abstracts. Geneve, Switzerland: CIRF Publications.

A monthly abstract of published materials from various countries related to vocational and technical education. Areas which are included in this publication are vocational training systems, economic, technical and social aspects, organization, guidance, programs, trade descriptions, teaching methods, research methods, facilities, and teaching aids.

30. Jelden, David L., Editor. Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education from 1930 -. Washington, D. C.: American Council on Industrial Arts Teacher Education, April 1970 (ED 037 583).

A comprehensive compilation of abstracts of dissertations and staff studies conducted from 1930 to the present. It is designed to provide the teacher, student, and administrator of industrial arts, trade and industrial, and technical programs with a comprehensive source of information on research and studies in their fields.

31. Johnson, Charles E. and Duncan, Glenn E. Bibliography of Selected References Concerned with the Applications of Systems Technology in Education. Athens, Georgia: Georgia University, College of Education, 1969 (ED 040 932).

Lists references published since 1960 and journal articles published since 1965 which focus on the subject of applications of systems technology in education.

32. Kay, Evelyn R. Inventory of Vocational Education Statistics Available in Federal Agencies. Washington: U. S. Department of Health, Education, and Welfare, Office of Education, 1970.

Provides information on statistical reports dealing with vocational education gathered by many federal departments and agencies including Health, Education and Welfare. These include the Veterans Administration, Bureau of Indian Affairs, and Federal Bureau of Prisons.

33. Kelley, Clarice. A Selected Bibliography of New Media and Vocational Education and Retraining. Washington: The Educational Media Council, 1966.

A record of research on new media with listing under the following headings: selected basic texts and general references in instructional technology, selected vocational education references, articles and papers on instructional technology and vocational education with media implications, and ongoing research studies.

34. Kintgen, Jean. Interpretation of Literature on Career Ladders and Lattices in Health Occupations Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970

Analyzes literature concerning career lattices and ladders in health occupations. Consists of a bibliography containing 56 documents and an interpretation of literature based upon the bibliography.

35. Lanham, Frank W. and Trytten, J. M. Review and Synthesis of Research in Business and Office Education. Columbus: The Center for Research and Leadership Development in Vocational and Technical Education, The Ohio State University, 1966 (ED 011 566).

Reviews research in business and office occupations education from 1960 onward. Reports included deal with business and office preparation at the secondary, post-secondary and adult levels as well as teacher preparation.

36. Larson, Milton E. Review and Synthesis of Research: Analysis for Curriculum Development in Vocational Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1969 (ED 035 746).

    Identifies methodological approaches and summarizes research findings in the areas of curriculum development. Major sections include: background and structure, resource materials, sources of content information for analysis, types and techniques of analysis, translating content into courses of study, building curriculum for analysis, systems approach, and trends and new directions.

37. Larson, Milton E. Review and Synthesis of Research in Technical Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 559).

    Reviews research in technical education from 1960 to 1966. Particular emphasis is placed upon manpower needs, curriculum development, student personnel services, and facilities and equipment.

38. Lee, Sylvia L. and Others. Implications of Women's Work Patterns for Vocational and Technical Education: An Annotated Bibliography. Bibliography Series No. 1, Columbus, Ohio: The Center for Vocational and Technical Education, The Ohio State University, 1967 (ED 016 826).

    Contains annotated references pertaining to the needs of girls and women relative to vocational and technical education. The entries are arranged in eight sections: (1) status and changing roles of women, (2) education of women for employment, (3) labor force participation of women, (4) legislation pertaining to women in the labor force, (5) vocational guidance and counseling for girls and women, (6) research, (7) bibliographies, and (8) presentations appropriate for students and the lay public. Publications cover the period from 1963 to 1967.

39. Little, J. Kenneth. Review and Synthesis of Research on the Placement and Follow-up of Vocational Education Students. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 037 543).

    Covers research conducted since 1965 in the placement and follow-up of vocational education students. Includes coverage of

general surveys, specific programs, placement information, special groups, benefit-cost studies, and follow-up study procedures.

40. McCracken, David. Intensive Training for Job Entry Skills: A Selected Bibliography for Use in Program Development. Information Series-Analysis Paper No. 1, Columbus, Ohio: The Center for Vocational and Technical Education, The Ohio State University, November 1969 (ED 034 061).

A selected bibliography (43 items) designed to assist school districts in planning and implementing exemplary programs of intensive training in job entry skills for students leaving school. The bibliography is organized under the following headings: Need for programs, descriptions and programs, development and operation of programs, reports of evaluations of programs, and information sources. It also provides a review and analysis of the strengths of these programs.

41. Mesics, Emil A. Education and Training for Effective Manpower Utilization, An Annotated Bibliography on Education and Training in Work Organizations. New York: New York School of Industrial and Labor Relations, Cornell University, Bibliography Series No. 9, 1969.

Contains an excellent listing of literature from the areas of manual and clerical skill training, technician and engineering training, and supervisory training as well as organizational planning and management development and training techniques. Also included in a section on manpower planning and development.

42. Meyer, Warren G. and Logan, William B. Review and Synthesis of Research in Distributive Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 565).

Covers research related to distributive education through 1966. Sections which are especially extensive include curriculum development, learning processes, and student personnel services.

43. Moss, Jerome, Jr. Review of Research in Vocational Technical Teacher Education. Minneapolis: Minnesota Research Coordination Unit in Occupational Education, University of Minnesota, September 1967.

    Critical review of research in vocational technical teacher for the period 1962 to 1967. Includes the development of a research classification model.

44. Moss, Jerome, Jr., (Issue Editor). "Vocational, Technical and Practical Arts Education." Review of Educational Research. Washington: American Educational Research Association, Vol. 38, No. 4, 1968.

    Covers research done during the period from 1962 to 1968. Chapter topics include manpower supply and demand, career development, curriculum development, techniques and modes of instruction, organization and administration, staffing, and program evaluation.

45. Moss, Jerome. "What Research Has to Say for Industrial Education: Administration and Supervision of Industrial Education." Journal of Industrial Teacher Education. Vol. 2, No. 2, Winter, 1965, pp. 5-24.

    Reviews studies in such areas as teacher and student selection, finance, public relations, and program evaluation for both vocational and industrial arts programs.

46. Nelson, Helen Y. Review and Synthesis of Research on Home Economics Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 038 519).

    Reviews research from 1965 to 1968 in home economics education. Reports included are relevant to home economics education in junior and senior high schools, area vocational schools and continuing education programs.

47. Nelson, William C. Program, Planning, Budgeting Systems for Educators. Volume IV: A Research Bibliography. Columbus, Ohio: The Center for Vocational and Technical Education, The Ohio State University, March 1970 (ED 038 512).

A comprehensive bibliography intended to assist students, researchers, and practitioners in identifying references in specific areas of the Program, Planning, Budgeting Systems (PPBS) approach to decision-making. Covers publications ranging in date from 1936 to 1969, emphasing the 1963 to 1969 period. Topics include categories of systems theories, planning and control systems, planning process, program budgeting, programming and management control, investment alternatives, analysis of alternatives, education and economics, basic data for PPBS, statistical analysis in PPBS, limitations of PPBS, and bibliographics. Volumes I through III are available as ED 032 417, ED 032 418, and ED 035 756 respectively.

48. Oregon University. Selected Bibliography on Evaluation of Administrators. Eugene, Oregon: Oregon University, February 1968 (ED 018 853).

Contains 88 listings on the evaluation of educational administrators.

49. Pallone, Nathaniel J., Rickard, Fred S. and Hurley, Robert B. Job Satisfaction Research of 1966-67. Personnel and Guidance Journal, Vol. 48, No. 6, pp. 469-478, February, 1970.

This review contains 103 studies published in 1966-67 relating to job satisfaction to 53 variables or sets of variables as correlates, predictors or consequences. It also references earlier summaries available in this area.

50. Pautler, Albert J. and Schaefer, Carl J. Review and Synthesis of Research in Trade and Industrial Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1969 (ED 036 638).

Reviews studies primarily from August, 1966 to April 1, 1969. Coverage is in the same areas as dealt with by the first edition (see entry number 66).

51. Phillips, Donald S. and Briggs, Lloyd D. Review and Synthesis of Research in Technical Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1969 (ED 036 639).

    Provides a synthesis of research conducted in technical education since 1966. Topics covered are similar to those presented in the first edition (see entry number 37).

52. Price, Ray G. and Hopkins, Charles R. Review and Synthesis of Research in Business and Office Education. 2nd Edition. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 038 520).

    Identified research completed from 1966 to 1968 in business and office education. Coverage is comparable to that in the first edition (see entry number 35).

53. Public Health Service. Training Methodology, Part 1: Background Theory and Research, An Annotated Bibliography. Washington: U. S. Government Printing Office, 1969.

    Provides an annotated listing of reference materials in the areas of individual and group behavior, learning theory, and educational and training philosophy. References are arranged in classified order, annotated, and indexed.

54. Rarig, Emory W. The Community Junior College, An Annotated Bibliography. New York: Teachers College Press, Teachers College, Columbia University, 1966.

    A detailed annotated compilation of books, articles, and reports on the history, growth, and problems of the community junior college movement.

55. Reid, J. C. and MacLennan, D. W. Research in Instructional Television and Film. Washington: U. S. Government Printing Office, 1967.

    Reports nearly 350 research studies concerned with instructional television and film covering the period 1950 to 1964.

56. Reinhart, Bruce (Editor). The Vocational-Technical Library Collection: A Resource for Practical Education and Occupational Training. Williamsport, Pa.: Bro-Dart, Inc., 1970.

Includes over 4,000 titles which have been annotated and identified with secondary and post-secondary schools. Three basic parts include: The Instructional Library, The Professional Library, and The Journal Library.

57. Research in Education. Washington: U. S. Government Printing Office, 1970.

A monthly publication covering recently completed research, research-related reports and current research projects in education. It contains document resumes and appropriate indexes.

58. Roeckelein, Jon E. Simulation of Organizations: An Annotated Bibliography. Alexandria: Human Resources Research Office, The George Washington University, 1967 (AD664 861).

Includes listings of research in the areas of man-centered simulation, man-machine simulation, and machine-centered simulation. One hundred and forty-one articles are annotated with none dated before 1955 and only 13 dated before 1960.

59. Skelton, Gail J. and Hensel, J. W. The Change Process in Education: A Selected and Annotated Bibliography. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 041 108).

A compilation of abstracts dealing with the change process in vocational and technical education. Titles are arranged under the following headings: empirical works, non-empirical works, readings, bibliographies, and works from dissertation abstracts.

60. Smith, Robert G., Jr. An Annotated Bibliography on the Design of Instructional Systems. Alexandria: Human Resources Research Office, The George Washington University, 1967.

Compilation of references on the systems approach to designing instructional systems.

61. Songe, Alice. Vocational Education: An Annotated Bibliography of Selected References, 1917-1966 (Below College). Washington: U. S. Government Printing Office, 1967.

Provides information on books, monographs, articles and unpublished doctoral dissertations from 1917 to 1966 related to vocational education programs below the college level. The periodical articles generally run from 1955 to 1966. Emphasis is placed upon historical foundations of vocational education.

62. Stock, William E. and Pratzner, Frank C. Review of Research on Student Selection and the Prediction of Success in Occupational Education. Minneapolis: Minnesota Research Coordinating Unit in Occupational Education, University of Minnesota, 1969.

Summarizes research in student selection and prediction of student success at the high school, post-high and adult levels. Includes discussions of such tests as the GATB and ACT.

63. Streichler, Jerry. Review and Synthesis of Research in Industrial Arts Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 564).

Research in industrial arts education from 1960 to 1966 is presented. Areas which are discussed include philosophy and objectives, manpower needs, curriculum development, educational programs, facilities, guidance, teacher education, administration and supervision, learning processes, and evaluation.

64. Syracuse University, Occupational Training for Disadvantaged Adults. Current Information Sources, 29. Syracuse, N. Y.: ERIC Clearinghouse on Adult Education. Syracuse University, April 1970 (ED 036 676).

Contains annotated bibliographies dealing with various aspects of occupational training for disadvantaged adults. Includes sections on the sources of information and bibliographies, problems of the disadvantaged, federal programs and national policies; job training and skill programs; paraprofessional and new careers programs; trainee characteristics (demographic, psychological, motivational, social) and their influence on training; instructional materials; prediction of success, and cost effectiveness.

65. Thomas, Robert W. Research and Development in Vocational and Technical Education: Non-Metropolitan Areas: Survey of Reported Research. Final Report, Appendix Three. Ames, Iowa: Iowa State University, June 1968 (ED 023 891).

A third appendix to "Research and Development in Vocational and Technical Education for Non-Metropolitan Areas" (VT 007 214). Surveys projects funded by the U.S. Office of Education during 1965 and 1966, and includes a selected bibliography of books and articles on vocational-technical education.

66. Tuckman, Bruce W. and Schaefer, Carl J. Review and Synthesis of Research in Trade and Industrial Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 560).

Contains research coverage (for the period 1962 to 1966) of trade and industrial education research, particularly in the areas of curriculum, programs, instruction materials, learning processes, student services, teacher education, and administration.

67. U. S. Bureau of Employment Security. Manpower and Operations Research Studies of the U. S. Employment Service and State Employment Services 1958-1967. A Selected Bibliography. Washington, D.C.: Bureau of Employment Security (Department of Labor), 1968 (ED 026 516).

An extensive bibliography on manpower and operations research studies made by the U.S. Employment Service and State Employment Services between 1958-1967. It's purpose is to acquaint researchers in the employment security system and other groups with a wide range of employment studies. The items reported are categorized by states under various major headings.

68. U. S. Department of Labor. Manpower Research Projects. Washington: Manpower Administration, U.S. Department of Labor.

Summaries of manpower research completed and in progress during the current fiscal year. This is an annual publication.

69. U. S. Office of Education. Summaries of Studies in Agricultural Education, An Annotated Bibliography of Studies in Agricultural Education with Classified Subject Index. Supplement No. 15 Vocational Division Bulletin No. 300, Agricultural Series No. 78. Washington, D.C.: Office of Education (DHEW), 1962 (ED 019 474).

An annotated bibliography of 100 studies (doctoral dissertations, staff studies, and master studies) on agricultural education. This is a supplement to an on-going series which started in 1935. The topics covered range from the administration of agricultural education to giving instruction to young farmers.

70. Wallace, Harold R. Review and Synthesis of Research on Cooperative Vocational Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 040 274).

Reviews research in cooperative vocational education from a broad vocational-technical base rather than providing coverage by fields. Research is described within the areas of the student learner, the employment community, educational technology, and program implementation.

71. Warmbrod, J. Robert. Review and Synthesis of Research on the Economics of Vocational-Technical Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1968 (ED 023 937).

A review designed to cover the economics of education as it pertains specifically to vocational-technical education. Contents include research dealing with benefits and costs of public vocational education as well as manpower training programs.

72. Warmbrod, J. Robert and Phipps, Floyd J. Review and Synthesis of Research in Agricultural Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1966 (ED 011 562).

Reviews various aspects of research in agricultural education, primarily for the years 1960 to 1966. Areas covered include manpower needs, curriculum, educational programs, instructional materials, learning processes, student services, facilities and equipment, teacher education, evaluation and administration.

73. Warren, Hugh. Vocational and Technical Education, A Comparative Study of Present Practice and Future Trends in Ten Countries. Paris, France: United Nations Educational Scientific and Cultural Organization (UNESCO), Monographs on Education--VI, 1967.

A UNESCO published monograph on the comparative aspects of vocational and technical education of ten countries. It describes the vocational and technical education structure in each country.

74. Wenrich, Ralph C. Review and Synthesis of Research on the Administration of Vocational and Technical Education. Columbus: The Center for Vocational and Technical Education, The Ohio State University, 1970 (ED 037 542).

Identifies and summarizes research related to organization and administration in vocational and technical education during the period 1963 to 1968.